



Moss Landing Mutual Water Company

P.O. Box 690
Moss Landing, California
95039-0690
(831)633-6785

June 4, 2014

Ms. Cheryl Sandoval
Monterey County, Department of Health
Division of Environmental Health
1270 Natividad Road
Salinas, CA 93906

Dear Ms. Sandoval:

Enclosed is Moss Landing Mutual Water Company's (I.D. No. FA0810155) Consumer Confidence Report for 2013, in accordance with the California Code of Regulations, Title 22, Section 64483.

This report was posted June 4, 2014, at five locations: 1) administration building first floor company bulletin board by the men's locker room; 2) administration building third floor by the copy room; 3) Grid Maintenance Center, 4) the Energy Management Center and 5) the Marine Mammal Center located on our Eastern Property. (The Switching Center building has been removed as a location; it is unoccupied and scheduled for demolition.) A copy was also mailed to Mr. & Mrs. Calcagno, who are members of the Moss Landing Mutual Water Company.

If you have any questions regarding this report, please contact Lee Genz, at (831) 633-6785.

Sincerely,

PETE ZIEGLER
President
Moss Landing Mutual Water Company

LHGenz:

Attachments:

- Consumer Confidence Report
- Consumer Confidence Report Certification Form
- Analytical Results for 2013

2013 CONSUMER CONFIDENCE REPORT

Moss Landing Mutual Water Company	FA0810155	June 4, 2014
Name of Water System	I.D. No.	Report Date

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2013 and may include earlier monitoring data.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

WATER SOURCE INFORMATION

Type of water source in use is **GROUNDWATER**. There are two supply wells located off of Avila Road. During 2013, Well #8 supplied 92.3% and Well #9 supplied 7.7% of the water used.

Well Name	Date Installed	GPM **	Pumping Depth	Screened Depth	Total Depth
Well 8	December 1974	386	280 ft	310 ft – 845 ft	855 ft
Well 9	August 1984	502	320 ft	800 ft – 1050 ft	1070 ft

** From October 24, 2013 pump efficiency testing **

DRINKING WATER SOURCE ASSESSMENT INFORMATION & SUMMARY

The assessment was completed October 2002 by LPA Monterey County. The source is considered most vulnerable to Concentrated Animal Feeding Operations [CAFOs] as defined in Septic systems - high density [>1/acre]. The wells for the water system are located in an agricultural area adjacent to the Elkhorn Slough. Therefore, the wells may be vulnerable to flooding, synthetic organic compounds and nitrates. There have been no contaminants detected in the water supply recently, however the source is still considered vulnerable to activities located near the drinking water source. The El Toro Area of Monterey County is in severe groundwater overdraft conditions. A complete copy of the assessment information may be viewed at the Monterey County Health Department or at the following internet link:

<http://swap.ice.ucdavis.edu/TSinfo/TSsources.asp?mySystem=2701683>.

For more information, contact:

Lee H. Genz, Senior Environmental Professional

Phone: (831) 633-6785

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Variances and Exemptions: Department permission to exceed an MCL or not comply with a treatment technique under certain conditions.

ND: not detectable at testing limit

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (ug/L)

ppt: parts per trillion or nanograms per liter (ng/L)

ppq: parts per quadrillion or picogram per liter (pg/L)

pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the state Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 6, 7, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants (completed if bacteria detected)	Highest No. of detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	0 (In a mo.)	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	0 (In the year)	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

(Posted analysis results are from July 2011 EPA Lead & Copper Tap Water Sampling)

Lead and Copper (complete if lead or copper detected in the last sample set)	No. of samples collected	90 th percentile level detected	No. Sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	8	20.3 *	1	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	8	0.208	0	1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 3 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	3/4/03	46	110	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm) as CaCO ₃	3/4/03	130	180	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided on page 5.

TABLE 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL (AL) [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Arsenic (ppb)	7/17/12	3.3	4.4	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Barium (ppm)	7/17/12	0.051	0.16	1.0	2.0	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Copper (ppm)	10/7/09	< 0.05	< 0.05	(AL=1.3)	0.30	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Chromium (ppb)	7/17/12	10.0	< 10.0	50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (ppm)	7/17/12	0.19	0.21	2.0	1.0	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Mercury (ppb)	7/17/12	< 0.20	0.34	2.0	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland
Nitrate as NO ₃ (ppm)	7/23/13	2.8	2.0	45.0	45.0 ^[1]	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrite as N (ppm)		< 0.170	< 0.170	1.0	1.0 ^[1]	
Nitrate+Nitrite as N (ppm)		0.68	0.50	10.0	10.0 ^[1]	
Selenium (ppb)	7/17/12	< 2.0	4.7	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)

[1] For all three parameters MCLG = N/A.

TABLE 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD (CONT)					
TABLE 4.1 - DISINFECTION BYPRODUCTS, RESIDUALS, & PRECURSORS					
Chemical or Constituent (and reporting units)	Sample Date	Distribution System	MCL [MRDL]	PHG (MCLG)	Typical Source of Contaminant
TTHMs (ppb) [Total Trihalomethanes]	7/23/13	3.6	80	N/A	By-product of drinking water disinfection
HAA5 (ppb) [Haloacetic Acids]	7/23/13	1.3	60	N/A	Byproduct of drinking water disinfection
Chlorine as Cl ₂ (ppm)	All year ^[2] for 2013	Range = 0.10 – 2.56 Average = 0.78	[4.0 as Cl ₂]	(4.0 as Cl ₂)	Drinking water disinfectant added for treatment
Control of DBP precursors [(TOC) Total Organic Carbon]	[3]		TT	N/A	Various natural and man-made sources

[2] Chlorine residual is measured daily during regular work weekdays. [3] Required only if the TTHM or HAA5 MCL were exceeded.

NOTE: On 7/6/10, an additional informational sample was obtained at Firewater Tank No. 3 (which supplies water only the Marine Mammal Center). The tank water was chlorinated because the chlorine injection system on the water line from the tank to the Marine Mammal Center was out of service. The sample results were also below the MCLs (22.4 ppb TTHMs, 20.7 ppb HAA5).

TABLE 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD (CONT)						
TABLE 4.2 – INITIAL RADIONUCLIDE MONITORING ^[4]						
Chemical or Constituent (and reporting units)	Sample Date	Well No. 8 ^[4]	Well No. 9 ^[4]	MCL	PHG (MCLG)	Typical Source of Contaminant
Gross Beta Particle Activity (pCi/L)	[4]	1.78	2.31	50 ^(a)	(0)	Decay of natural and man-made deposits
Gross Alpha Particle Activity (pCi/L)	[4] 7/17/12	2.01 < 1.16	2.02 3.32	15	(0)	Erosion of natural deposits
Combined Radium 226 & 228 (pCi/L)	[4]	0.064	0.055	5	(0) ^(b)	Erosion of natural deposits
Uranium (pCi/L)	[4]	0.97	1.345	20	0.43	Erosion of natural deposits

(a) Effective 6/11/2006, the gross beta particle activity MCL is 4 millirems/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level. (b) If reporting results for Ra-226 and Ra-228 as individual constituents, the PHG is 0.05 pCi/L for Ra-226 and 0.019 pCi/L for Ra-228.

[4] Results reported are the averages of the 2007 initial monitoring quarterly samples. Based on the results, the next scheduled sampling year was to be 2016. However, another sampling, for gross alpha only, was requested by the state Department of Public Health in 2012. Also the sampling requirements are currently being amended. Consequentially, the next scheduled sampling is really unknown.

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided on page 5.

TABLE 5 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL	PHG (MCLG)	Typical Source of Contaminant
Color (Color Units)	3/4/03	10	15	15	N/A ^[6]	Naturally-occurring organic materials
Copper (ppm)	10/7/09	< 0.05	< 0.05	1.0	N/A ^[6]	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Iron (ppb)	3/4/03	< 100	250	300	N/A ^[6]	Leaching from natural deposits; industrial wastes
Manganese (ppb)	3/4/03	< 10.0	17.0	50	N/A ^[6]	Leaching from natural deposits
Turbidity (NTU)	3/4/03	< 1.0	1.1	5	N/A ^[6]	Soil runoff
Total Dissolved Solids (ppm)	3/4/03	260	470	1000	N/A ^[6]	Runoff/leaching from natural deposits
Specific Conductance (microsiemens)	7/17/12	555	1042	1600	N/A ^[6]	Substances that form ions when in water; seawater influence
Chloride (ppm)	3/4/03	61	180	500	N/A ^[6]	Runoff/leaching from natural deposits; seawater influence
Sulfate as SO ₄ (ppm)	3/4/03	7.4	19.0	500	N/A ^[6]	Runoff/leaching from natural deposits; industrial wastes

[6] There are no PHGs or MCLGs for constituents with secondary drinking water standards because these are not health-based levels, but set on the basis of aesthetics.

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	Notification Level	Health Effects Language (Optional)
Boron (ppm)	10/7/09	< 0.100	0.130	1 ppm	The babies of some pregnant women who drink water containing boron in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.
Chromium-6 (ppb)	3/4/03 5/6/04	3.6	< 0.5	N/A	N/A

*Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided on page 5.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language
Lead at a tap water faucet	Old plumbing	Short Received lab report on 8/18/11 Corrected on 9/10/11	Replaced the affected plumbing fixtures with certified lead free units	Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.

Additional Language Reporting Requirement for the Lead Violation

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and/or flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the USEPA Safe Drinking Water Hotline (1-800-426-4791).

For Water Systems Providing Ground Water as a Source of Drinking Water

**TABLE 7 – SAMPLING RESULTS SHOWING
FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLES**

Microbiological Contaminants (complete if fecal-indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
<i>E. coli</i>	0 (In the year)		0	(0)	Human and animal fecal waste
Enterococci	0 (In the year)		TT	n/a	Human and animal fecal waste
Coliphage	0 (In the year)		TT	n/a	Human and animal fecal waste

Summary Information for Fecal Indicator-Positive Ground Water Source Samples, Uncorrected Significant Deficiencies, or Ground Water TT

SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLE

SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES

VIOLATION OF GROUND WATER TT

TT Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language

NOTE: Table 8 has been omitted because it does not apply to our water system.
Table 8 is for systems providing surface water as a source of drinking water.
The additional tables below our provided for additional information.

TABLE A-1 – DETECTION OF ADDITIONAL PARAMETERS WITH NO DRINKING WATER STANDARDS

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL	PHG (MCLG)	Typical Source of Contaminant
pH (units)	7/17/12	7.77	7.68	none	none	
Calcium (ppm)	9/20/11	37.0	63.0	none	none	
Calcium as CaCO ₃ (ppm)	9/20/11	92.5	157.5	none	none	
Magnesium (ppm)	3/4/03	15.0	13.0	none	none	
Bicarbonate Alkalinity (ppm)	9/20/11	160	180	none	none	
Total Alkalinity [HCO ₃] (ppm)	9/20/11	130	140	none	none	
Temperature (°C)	7/17/12	21.4 °C	26.1 °C	none	none	

TABLE A2 – SAMPLING REQUIREMENTS FOR NON-TRANSIENT NON-COMMUNITY WATER SYSTEM

TAP WATER	SOURCE WATER
Monthly Coliform sampling	Annual Nitrate sampling
Triennial Lead and Copper Tap Water Sampling. Last sampling was in 2011. Next sampling year is 2014.	Triennial Primary Drinking Water Standards sampling (*). Last sampling was in 2012 [1]. Next sampling year is 2015.
DISTRIBUTION SYSTEM	Asbestos sampling. Next sampling year was to be 2015; however, sampled in 2012 to coincide with Distribution System Asbestos requirement. Next sampling year is 2021.
Triennial Disinfection By-Products Rule (DBPR) Sampling. Last sampling was in 2013. Next sampling year is 2016.	Radionuclide Rule sampling. The initial sampling was conducted in 2007. The next sampling year was to be 2016; every 9 years. However, the sampling requirements are changing, so the next sampling year is unknown at this time.
Asbestos sampling. Required every 9 years. Last sampling was in 2012. Next sampling year is 2021.	Perchlorate Rule Sampling (**). Same sampling schedule as the Triennial Primary Drinking Water Standards sampling.
Secondary Drinking Water Standards sampling required to be sampled only once. Sampled in 1997 and then additionally sampled in 2000 and 2003 at request of Health Department.	
Additional sampling required as regulations change or at the request of the Health Department	

(*) Synthetic Organic Compounds (SOC's) and Volatile Organic Compounds (VOC's) also sampled.

(**) In 2007, Perchlorate was added to the California Primary Drinking Water Standards with an MCL and a PHG of 6 ppb.

[1] The SOC's, VOC's and Perchlorates parameters were mistakenly omitted from the 2012 Triennial Primary Drinking Water Standards sampling. These parameters were sampled in 2013. These parameters (if still required) will be sampled again in two years with the 2015 Triennial Primary Drinking Water Standards sampling.

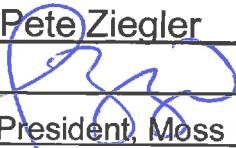
**Consumer Confidence Report
Certification Form**
(to be submitted with a copy of the CCR)

Water System Name: Moss Landing Mutual Water Company

Water System Number: FA0810155

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 4, 2014 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the California Department of Public Health.

Certified by: Name: Pete Ziegler

Signature: 

Title: President, Moss Landing Mutual Water Company

Phone Number: (831) 633-6700 Date: June 4, 2014

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: _____

"Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

Posting the CCR on the Internet at www._____

Mailing the CCR to postal patrons within the service area (attach zip codes used)

Advertising the availability of the CCR in news media (attach copy of press release)

Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)

Posted the CCR in public places (attach a list of locations) **On Cover Letter.**

Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

Delivery to community organizations (attach a list of organizations)

Other (attach a list of other methods used)

For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www._____

For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission



Moss Landing Mutual Water Company

Analytical Results for 2013

Annual Nitrates and Nitrites



Sampled 7/23/13
MLS13-116 Well 8
MLS13-117 Well 9

Date of Report: 08/06/2013

Ernie Bloecher

Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Project: Drinking Water Annual Source Water Nitrates/Nitrites Sampling
BC Work Order: 1315488
Invoice ID: B152068

Enclosed are the results of analyses for samples received by the laboratory on 7/24/2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Tina Green".

Contact Person: Tina Green
Client Services Manager

A handwritten signature in black ink that appears to be a stylized "L" or a similar mark, placed over a horizontal line.

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014

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Chain of Custody and Cooler Receipt Form for 1315488 Page 2 of 2

BC LABORATORIES INC.		COOLER RECEIPT FORM			Rev. No. 15	07/01/13	Page 1 Of 1			
Submission #: 13-15488										
SHIPPING INFORMATION Federal Express <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/>			
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:										
Custody Seals	Ice Chest <input type="checkbox"/> Incl? Yes <input type="checkbox"/> No <input type="checkbox"/>	Containers <input type="checkbox"/> Incl? Yes <input type="checkbox"/> No <input type="checkbox"/>	None <input checked="" type="checkbox"/> Comments:							
All samples received?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All samples containers intact?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Description(s) match CDC?				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
COC Received	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Emissivity: 0.98	Container: Pipe	Thermometer ID: 207					Date/Time 7/24/13	
		Temperature: (A) 5.2 °C / (C) 5.3 °C							Analyst Init MAMM 100S	
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/GENERAL										
PT PE UNPRESERVED	A	A								
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PT PRENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL+ 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
3 OZ. JAR										
12 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
Summit Canister										
Comments:-										
Sample Numbering Completed By: K10 Date/Time: 7/24/13 @ 100S										
= Actual / C = Corrected										
S:\MyDOCS\Word\Project\LAB DOCS\FORMS\15MREC15										



PGM/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1315488-01	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: Well #8 MLS13-116 Sampled By: ---	Receive Date: 07/24/2013 10:05 Sampling Date: 07/23/2013 11:20 Sample Depth: --- Lab Matrix: Water Sample Type: Water
1315488-02	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: Well #9 MLS13-117 Sampled By: ---	Receive Date: 07/24/2013 10:05 Sampling Date: 07/23/2013 11:25 Sample Depth: --- Lab Matrix: Water Sample Type: Water



Regy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

BCL Sample ID:	1315488-01	Client Sample Name:	Well #8 MLS13-116, 7/23/2013 11:20:00AM
----------------	------------	---------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO ₃	2.8	mg/L	0.44	EPA-300.0	ND		1
Nitrite as NO ₂	<170	ug/L	170	EPA-353.2	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	07/24/13	07/25/13 02:25	LD1	IC5	1	BWG1749
2	EPA-353.2	07/25/13	07/25/13 08:29	TDC	KONE-1	1	BWG1778

Calculation of Nitrate + Nitrite as N (ppm)
 $O=16; N=14; NO_2 = 14 + (16 \cdot 2) = 46; NO_3 = 14 + (16 \cdot 3) = 62$

$$\text{Nitrate} @ NO_3 = 2.8 \\ \text{Nitrate} @ N = 2.8 \left(\frac{14}{62} \right) = 0.632$$

$$\text{Nitrate} @ NO_2 = < 0.17 \\ \text{Nitrite} @ N = 0.17 \left(\frac{14}{46} \right) = 0.052$$

$$\boxed{\text{Nitrate} + \text{Nitrite} @ N} = 0.632 + 0.052 = \boxed{\underline{\underline{0.68}}} \\ \text{ppm}$$



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

BCL Sample ID:	1315488-02	Client Sample Name: Well #9 MLS13-117, 7/23/2013 11:25:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO ₃	2.0	mg/L	0.44	EPA-300.0	ND		1
Nitrite as NO ₂	<170	ug/L	170	EPA-353.2	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	07/24/13	07/25/13 02:41	LD1	IC5	1	BWG1749
2	EPA-353.2	07/25/13	07/25/13 08:29	TDC	KONE-1	1	BWG1778

Calculation of Nitrate + Nitrite @ N (ppm)
 $O = 16; N = 14; NO_2 = 14 + (16 * 2) = 46; NO_3 = 14 + (16 * 3) = 62$

$$\text{Nitrate @ } NO_3 = 2.0 \\ \text{Nitrate @ N} = 2.0 \left(\frac{14}{62}\right) = 0.452$$

$$\text{Nitrite @ } NO_2 = < 0.17 \\ \text{Nitrite @ N} = 0.17 \left(\frac{14}{46}\right) = 0.052$$

$$\boxed{\text{Nitrate + Nitrite @ N}} = 0.452 + 0.052 = \boxed{0.50} \\ \text{ppm}$$



PGM Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWG1749						
Nitrate as NO ₃	BWG1749-BLK1	<0.44	mg/L	0.44		

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWG1778						
Nitrite as NO ₂	BWG1778-BLK1	<170	ug/L	170		



PGM Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		
								Percent Recovery	RPD	Lab Quals
QC Batch ID: BWG1749										
Nitrate as NO ₃	BWG1749-BS1	LCS	22.829	22.134	mg/L	103		90 - 110		
QC Batch ID: BWG1778										
Nitrite as NO ₂	BWG1778-BS1	LCS	1731.8	1642.5	ug/L	105		90 - 110		



Califegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Source	Source	Result	Spike	Units	Percent	Percent	Control Limits
	Type	Sample ID						Lab
QC Batch ID: BWG1749		Used client sample: N						
Nitrate as NO ₃	DUP	1315458-01	16.388	16.322	mg/L	0.4	10	
	MS	1315458-01	16.388	39.126	mg/L	102	80 - 120	
	MSD	1315458-01	16.388	39.023	mg/L	0.3	101	80 - 120
QC Batch ID: BWG1778		Used client sample: N						
Nitrite as NO ₂	DUP	1315509-02	19.231	<170	ug/L		10	A02
	MS	1315509-02	19.231	1716.5	ug/L	98.2	90 - 110	
	MSD	1315509-02	19.231	1723.2	ug/L	0.4	98.6	10 90 - 110



PGM - PGH/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/06/2013 15:38

Project: Drinking Water

Project Number: Annual Source Water Nitrate Sampling

Project Manager: Ernie Bloecher

Notes And Definitions

MDL Method Detection Limit

ND Analyte Not Detected at or above the reporting limit

PQL Practical Quantitation Limit

RPD Relative Percent Difference

A02 The difference between duplicate readings is less than the PQL.

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/09

Sample ID No.1315488-01

Laboratory

Signature Lab

N :::: BC LABORATORIES

Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/07/23/1120

Received @ Lab:13/07/24/1005

Completed:13/08/09

System

System

Name:MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source:WELL 08

* User ID: 27C

Station Number: 2701683-001 *

* Date/Time of Sample: |13|07|23|1120|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|08|09| *

* Submitted by:

Phone #: *

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO ₃) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

Total Cations	Meq/L Value: 0.00
---------------	-------------------

	mg/L	Total Alkalinity (AS CaCO ₃) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO ₃) (mg/L)	00445		
	mg/L	Bicarbonate (HCO ₃) (mg/L)	00440		
*	mg/L+	Sulfate (SO ₄) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO ₃) (mg/L)	71850	2.8	2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

Total Anions	Meq/L Value: 0.05
--------------	-------------------

	Std.Units+ umho/cm+	PH (Laboratory) (Std.Units)	00403		
***	mg/L+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	Units	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	TON	Apparent Color (Unfiltered) (Units)	00081		
3	NTU	Odor Threshold at 60 C (TON)	00086		
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		1.

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/09

Sample ID No. 1315488-02

Laboratory

Signature Lab

No.: BC LABORATORIES

Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/07/23/1125

Received @ Lab: 13/07/24/1005

Completed: 13/08/09

=====

System

System

Name: MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source: WELL 09

* User ID: 27C

Station Number: 2701683-002 *

* Date/Time of Sample: |13|07|23|1125|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|08|09| *

* Submitted by: _____

Phone #: _____ *

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO ₃) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

Total Cations	Meq/L Value: 0.00
---------------	-------------------

	mg/L	Total Alkalinity (AS CaCO ₃) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO ₃) (mg/L)	00445		
*	mg/L+	Bicarbonate (HCO ₃) (mg/L)	00440		
*	mg/L+	Sulfate (SO ₄) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO ₃) (mg/L)	71850	2.0	2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

Total Anions	Meq/L Value: 0.03
--------------	-------------------

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

Submission #: 13-15488

SHIPPING INFORMATION
 Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER
 Ice Chest None Box
 Other (Specify) _____

FREE LIQUID
 YES NO

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals Ice Chest
 Intact? Yes No

Containers
 Intact? Yes No

None Comments:

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Emissivity: 0.98

Container:

Thermometer ID: 207

Temperature: (A)

5.2

°C

/ (C)

5.3

°C

Date/Time 7/24/13

Analyst Init MAM 1005

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL										
PT PE UNPRESERVED	A	A								
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40 ml VIAL TRAVEL BLANK										
40ml VOA VIAL	()	()	()	()	()	()	()	()	()	()
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 801SM										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
F. US IRON										
ENCORE										
SMART KIT										
Sunima Canister										

Comments:

Sample Numbering Completed By:

K10

Date/Time: 7/24/13 @ 1605

A = Actual / C = Corrected

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

13-15468

Page / of /

PROJECT NAME: Annual Source Water Nitrate Sampling

SAMPLERS (signature)

Remarks

Richard Manillo

Report Attention:

ERNIE BLOECHER

SAMPLE LOCATION	DATE SAMPLED	TIME SAMPLED	COMP	GRAB	SAMPLE NUMBER AND DESCRIPTION	No. of containers	Quantity (ml)
Well 8	7/23/13	11/20	*	*	MLS13-116	1	500

Well 8

ID 270-1683-001

SAMPLE LOCATION	DATE SAMPLED	TIME SAMPLED	COMP	GRAB	SAMPLE NUMBER AND DESCRIPTION	No. of containers	Quantity (ml)
Well 9	7/23/13	11/25	*	*	MLS13-117	1	500

Well 9

ID 270-1683-002

↓
poly
with pressure
No

CHK BY	DISTRIBUTION
<input checked="" type="checkbox"/> JAS	<input checked="" type="checkbox"/> SUB OUT <input type="checkbox"/>

SHPT	HOLDING TIME
<input checked="" type="checkbox"/> Cr ⁺⁶	<input checked="" type="checkbox"/> NO ₂
<input checked="" type="checkbox"/> DO	<input checked="" type="checkbox"/> OP
<input checked="" type="checkbox"/> Cl ₂	<input checked="" type="checkbox"/> SS
<input checked="" type="checkbox"/> BOD	<input checked="" type="checkbox"/> MBAS
<input checked="" type="checkbox"/> COT	

Signature

Print Name

Company

Date

Time

RICHARD CARRILLO

Dynegy

7/23/13

1445

Samples placed in an ice chest with ice for Fed Ex delivery to contract lab

Maria Mayorga

BCLabs

7/24/13

1005

Received by Laboratory

Samples going to : BC Laboratories 4100 Atlas Ct Bakersfield, CA 93308 (661) 322-4911

Record contract laboratory's name, address, and phone # before transporting or shipping



Moss Landing Mutual Water Company

Analytical Results for 2013

Triennial Disinfection By Products Rule



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Date of Report: 08/08/2013

Sampled 7/23/13

MLS13-118

Grid M & C South Outside Hose B

Ernie Bloecher

Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Project: Drinking Water
BC Work Order: 1315489
Invoice ID: B152227

Triennial Disinfection Byproducts Rule Sampling

Enclosed are the results of analyses for samples received by the laboratory on 7/24/2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green
Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1315489 Page 1 of 2

Moss Landing Power Plant
Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHILODE CISTODY RECORD

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

BC Laboratories 9100 Atles Ct Bakersfield, CA 93303 (661) 327-4911

एक दूसरे contact का user ID का नाम होता है, तो उसके # before स्टेटमेंट में शुरू होता है

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party BC Laboratories, Inc. assumes no responsibility for report alteration separation, detachment or third party interpretation
4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 3 of 2



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1315489 Page 2 of 2

BC LABORATORIES INC.		COOLER RECEIPT FORM		Rev. No. 16	07/01/13	Page 1 Of 1				
Submission #: 13-15489										
SHIPPING INFORMATION Federal Express <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/>				
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>										
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Emissivity: 0.98 Container: Pipe Thermometer ID: 207 Temperature: (A) 5.2 °C / (C) 5.3 °C			Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date/Time: 7/24/13 Analyst Init: MAM 1005					
SAMPLE CONTAINERS		SAMPLE NUMBERS								
		1	2	3	4	5	6	7	8	9
QT GENERAL MINERAL/ GENERAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A 13									
QT EPA 413.1, 413.2, 418.1										
PT-GDUR HAAS	B									
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 801SM										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
Stainless Canister										
Comments: _____										
Sample Numbering Completed By: K10		Date/Time: 7/24/13 @ 1100S			IS:\MyDOCS\WordPerfect\AB_DOCS\FORMS\5AMREC151					
A = Actual / C = Corrected										



• Regy/Moss Landing Power Plant
• Hwy 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1315489-01	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: MLS13-118 Grid M&C South Outside Hose Bib Sampled By: ---	Receive Date: 07/24/2013 10:05 Sampling Date: 07/23/2013 13:55 Sample Depth: --- Lab Matrix: Water Sample Type: Water
1315489-02	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: Trip Blank Sampled By: ---	Receive Date: 07/24/2013 10:05 Sampling Date: 07/23/2013 00:00 Sample Depth: --- Lab Matrix: Water Sample Type: Water



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1315489-01	Client Sample Name: MLS13-118 Grid M&C South Outside Hose Bib, 7/23/2013 1:55:00PM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromodichloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromoform	2.8	ug/L	0.50	EPA-524.2	ND		1
Bromomethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
n-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
sec-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
tert-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Carbon tetrachloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloromethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
2-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
4-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromochloromethane	0.62	ug/L	0.50	EPA-524.2	ND	V11	1
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	EPA-524.2	ND	V11	1
1,2-Dibromoethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromomethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,4-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dichlorodifluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1



Ferry/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1315489-01	Client Sample Name: MLS13-118 Grid M&C South Outside Hose Bib, 7/23/2013 1:55:00PM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total 1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Hexachlorobutadiene	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
Isopropylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
p-Isopropyltoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methylene chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Naphthalene	<0.50	ug/L	0.50	EPA-524.2	ND		1
n-Propylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Styrene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Tetrachloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Toluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichlorofluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Vinyl chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total Xylenes	<1.0	ug/L	1.0	EPA-524.2	ND		1
Total Trihalomethanes	3.6	ug/L	2.0	EPA-524.2	ND		1
t-Amyl Methyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
t-Butyl alcohol	<10	ug/L	10	EPA-524.2	ND	V11	1
Isopropyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1



egy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1315489-01	Client Sample Name: MLS13-118 Grid M&C South Outside Hose Bib, 7/23/2013 1:55:00PM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
p- & m-Xylenes	<0.50	ug/L	0.50	EPA-524.2	ND		1
o-Xylene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane-d4 (Surrogate)	114	%	75 - 125 (LCL - UCL)	EPA-524.2			1
Toluene-d8 (Surrogate)	54.9	%	80 - 120 (LCL - UCL)	EPA-524.2		S09	1
4-Bromofluorobenzene (Surrogate)	88.2	%	80 - 120 (LCL - UCL)	EPA-524.2			1

Run #	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
			Date	Time				
1	EPA-524.2	07/29/13	07/29/13	16:02	MGC	MS-V5	1	BWG1983



Legy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Halogenated Acetic Acids (Method EPA-552.3)

BCL Sample ID:	1315489-01	Client Sample Name: MLS13-118 Grid M&C South Outside Hose Bib, 7/23/2013 1:55:00PM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dibromoacetic acid	1.3	ug/L	1.0	EPA-552.3	ND		1
Dichloroacetic acid	<1.0	ug/L	1.0	EPA-552.3	ND		1
Monobromoacetic acid	<1.0	ug/L	1.0	EPA-552.3	ND		1
Monochloroacetic acid	<1.0	ug/L	1.0	EPA-552.3	ND		1
Trichloroacetic acid	<1.0	ug/L	1.0	EPA-552.3	ND		1
Total HAA's (Summation)	1.3	ug/L	1.0	EPA-552.3	ND		1
2,3-Dibromopropionic acid (Surrogate)	129	%	70 - 130 (LCL - UCL)	EPA-552.3			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-552.3	07/26/13	08/05/13 17:22	RDS	GC-3	1	BWG2013



egy/Moss Landing Power Plant
1way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1315489-02	Client Sample Name: Trip Blank, 7/23/2013 12:00:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromoform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromodichloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromomethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
n-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
sec-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
tert-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Carbon tetrachloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloromethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
2-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
4-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	EPA-524.2	ND	V11	1
1,2-Dibromoethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromomethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,4-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dichlorodifluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1



Peggy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1315489-02	Client Sample Name: Trip Blank, 7/23/2013 12:00:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total 1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Hexachlorobutadiene	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
Isopropylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
p-Isopropyltoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methylene chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Naphthalene	<0.50	ug/L	0.50	EPA-524.2	ND		1
n-Propylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Styrene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Tetrachloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Toluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichlorofluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Vinyl chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total Xylenes	<1.0	ug/L	1.0	EPA-524.2	ND		1
Total Trihalomethanes	<2.0	ug/L	2.0	EPA-524.2	ND		1
t-Amyl Methyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
t-Butyl alcohol	<10	ug/L	10	EPA-524.2	ND	V11	1
Isopropyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Etethyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1315489-02	Client Sample Name: Trip Blank, 7/23/2013 12:00:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
p- & m-Xylenes	<0.50	ug/L	0.50	EPA-524.2	ND		1
o-Xylene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane-d4 (Surrogate)	111	%	75 - 125 (LCL - UCL)	EPA-524.2			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-524.2			1
4-Bromofluorobenzene (Surrogate)	87.6	%	80 - 120 (LCL - UCL)	EPA-524.2			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	Batch ID
			Date/Time						
1	EPA-524.2	07/29/13	07/29/13	16:25	MGC	MS-V5	1		BWG1983



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11
Project: Drinking Water
Project Number: Triennial Disinfection ByProducts
Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWG1983						
Benzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Bromobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Bromochloromethane	BWG1983-BLK1	<0.50	ug/L	0.50		
Bromodichloromethane	BWG1983-BLK1	<0.50	ug/L	0.50		
Bromoform	BWG1983-BLK1	<0.50	ug/L	0.50		
Bromomethane	BWG1983-BLK1	<0.50	ug/L	0.50		
n-Butylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
sec-Butylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
tert-Butylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Carbon tetrachloride	BWG1983-BLK1	<0.50	ug/L	0.50		
Chlorobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Chloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
Chloroform	BWG1983-BLK1	<0.50	ug/L	0.50		
Chloromethane	BWG1983-BLK1	<0.50	ug/L	0.50		
2-Chlorotoluene	BWG1983-BLK1	<0.50	ug/L	0.50		
4-Chlorotoluene	BWG1983-BLK1	<0.50	ug/L	0.50		
Dibromochloromethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2-Dibromo-3-chloropropane	BWG1983-BLK1	<1.0	ug/L	1.0		
1,2-Dibromoethane	BWG1983-BLK1	<0.50	ug/L	0.50		
Dibromomethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2-Dichlorobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,3-Dichlorobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,4-Dichlorobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Dichlorodifluoromethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1-Dichloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2-Dichloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1-Dichloroethene	BWG1983-BLK1	<0.50	ug/L	0.50		
cis-1,2-Dichloroethene	BWG1983-BLK1	<0.50	ug/L	0.50		
trans-1,2-Dichloroethene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2-Dichloropropane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,3-Dichloropropane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1-Dichloropropane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1-Dichloropropene	BWG1983-BLK1	<0.50	ug/L	0.50		
cis-1,3-Dichloropropene	BWG1983-BLK1	<0.50	ug/L	0.50		



egy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWG1983						
trans-1,3-Dichloropropene	BWG1983-BLK1	<0.50	ug/L	0.50		
Total 1,3-Dichloropropene	BWG1983-BLK1	<0.50	ug/L	0.50		
Ethylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Hexachlorobutadiene	BWG1983-BLK1	<0.50	ug/L	0.50		
Isopropylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
p-Isopropyltoluene	BWG1983-BLK1	<0.50	ug/L	0.50		
Methylene chloride	BWG1983-BLK1	<0.50	ug/L	0.50		
Methyl t-butyl ether	BWG1983-BLK1	<0.50	ug/L	0.50		
Naphthalene	BWG1983-BLK1	<0.50	ug/L	0.50		
n-Propylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Styrene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2-Tetrachloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
Tetrachloroethene	BWG1983-BLK1	<0.50	ug/L	0.50		
Toluene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2,3-Trichlorobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2,4-Trichlorobenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1,1-Trichloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,1,2-Trichloroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
Trichloroethene	BWG1983-BLK1	<0.50	ug/L	0.50		
Trichlorofluoromethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2,3-Trichloropropane	BWG1983-BLK1	<1.0	ug/L	1.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	BWG1983-BLK1	<0.50	ug/L	0.50		
1,2,4-Trimethylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
1,3,5-Trimethylbenzene	BWG1983-BLK1	<0.50	ug/L	0.50		
Vinyl chloride	BWG1983-BLK1	<0.50	ug/L	0.50		
Total Xylenes	BWG1983-BLK1	<1.0	ug/L	1.0		
Total Trihalomethanes	BWG1983-BLK1	<2.0	ug/L	2.0		
t-Amyl Methyl ether	BWG1983-BLK1	<0.50	ug/L	0.50		
t-Butyl alcohol	BWG1983-BLK1	<10	ug/L	10		
Diisopropyl ether	BWG1983-BLK1	<0.50	ug/L	0.50		
Isopropyl t-butyl ether	BWG1983-BLK1	<0.50	ug/L	0.50		
m & m-Xylenes	BWG1983-BLK1	<0.50	ug/L	0.50		
o-Xylene	BWG1983-BLK1	<0.50	ug/L	0.50		

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4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

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egy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWG1983						
1,2-Dichloroethane-d4 (Surrogate)	BWG1983-BLK1	112	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWG1983-BLK1	103	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWG1983-BLK1	88.0	%	80 - 120 (LCL - UCL)		



Legy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		
							RPD	Percent Recovery	Lab RPD
QC Batch ID: BWG1983									
Benzene	BWG1983-BS1	LCS	26.470	25.000	ug/L	106		70 - 130	
Bromodichloromethane	BWG1983-BS1	LCS	30.840	25.000	ug/L	123		70 - 130	
Chlorobenzene	BWG1983-BS1	LCS	26.820	25.000	ug/L	107		70 - 130	
Chloroethane	BWG1983-BS1	LCS	27.420	25.000	ug/L	110		70 - 130	
1,4-Dichlorobenzene	BWG1983-BS1	LCS	30.720	25.000	ug/L	123		70 - 130	
1,1-Dichloroethane	BWG1983-BS1	LCS	27.320	25.000	ug/L	109		70 - 130	
1,1-Dichloroethene	BWG1983-BS1	LCS	28.240	25.000	ug/L	113		70 - 130	
Toluene	BWG1983-BS1	LCS	27.180	25.000	ug/L	109		70 - 130	
Trichloroethene	BWG1983-BS1	LCS	27.640	25.000	ug/L	111		70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BWG1983-BS1	LCS	10.770	10.000	ug/L	108		75 - 125	
Tetra- ¹³ C-ene-d8 (Surrogate)	BWG1983-BS1	LCS	10.130	10.000	ug/L	101		80 - 120	
4-Chlorofluorobenzene (Surrogate)	BWG1983-BS1	LCS	10.560	10.000	ug/L	106		80 - 120	



egy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Precision & Accuracy

Constituent	Source Type	Source Sample ID	Result	Spike Added	Units	Percent Recovery	Control Limits		
							RPD	RPD	Lab Recovery Quals
QC Batch ID: BWG1983		Used client sample: N							
Benzene	MS	1315509-02	ND	26.040	25.000	ug/L	104	20	70 - 130
	MSD	1315509-02	ND	23.520	25.000	ug/L	10.2	94.1	70 - 130
Bromodichloromethane	MS	1315509-02	0.24000	30.480	25.000	ug/L	121	20	70 - 130
	MSD	1315509-02	0.24000	26.970	25.000	ug/L	12.2	107	70 - 130
Chlorobenzene	MS	1315509-02	ND	26.970	25.000	ug/L	108	20	70 - 130
	MSD	1315509-02	ND	24.300	25.000	ug/L	10.4	97.2	70 - 130
Chloroethane	MS	1315509-02	ND	27.040	25.000	ug/L	108	20	70 - 130
	MSD	1315509-02	ND	24.400	25.000	ug/L	10.3	97.6	70 - 130
1,4-Dichlorobenzene	MS	1315509-02	ND	30.620	25.000	ug/L	122	20	70 - 130
	MSD	1315509-02	ND	26.780	25.000	ug/L	13.4	107	70 - 130
1,1-Dichloroethane	MS	1315509-02	0.21000	26.930	25.000	ug/L	107	20	70 - 130
	MSD	1315509-02	0.21000	24.600	25.000	ug/L	9.0	97.6	70 - 130
1-Chloroethene	MS	1315509-02	0.48000	27.800	25.000	ug/L	109	20	70 - 130
	MSD	1315509-02	0.48000	25.410	25.000	ug/L	9.0	99.7	70 - 130
Toluene	MS	1315509-02	ND	27.410	25.000	ug/L	110	20	70 - 130
	MSD	1315509-02	ND	24.260	25.000	ug/L	12.2	97.0	70 - 130
Trichloroethene	MS	1315509-02	0.24000	27.660	25.000	ug/L	110	20	70 - 130
	MSD	1315509-02	0.24000	24.070	25.000	ug/L	13.9	95.3	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1315509-02	ND	10.520	10.000	ug/L	105	20	75 - 125
	MSD	1315509-02	ND	10.380	10.000	ug/L	1.3	104	75 - 125
Toluene-d8 (Surrogate)	MS	1315509-02	ND	10.500	10.000	ug/L	105	20	80 - 120
	MSD	1315509-02	ND	10.170	10.000	ug/L	3.2	102	80 - 120
4-Bromofluorobenzene (Surrogate)	MS	1315509-02	ND	10.560	10.000	ug/L	106	20	80 - 120
	MSD	1315509-02	ND	10.160	10.000	ug/L	3.9	102	80 - 120



PGM/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Halogenated Acetic Acids (Method EPA-552.3)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWG2013						
Dibromoacetic acid	BWG2013-BLK1	<1.0	ug/L	1.0		
Dichloroacetic acid	BWG2013-BLK1	<1.0	ug/L	1.0		
Monobromoacetic acid	BWG2013-BLK1	<1.0	ug/L	1.0		
Monochloroacetic acid	BWG2013-BLK1	<1.0	ug/L	1.0		
Trichloroacetic acid	BWG2013-BLK1	<1.0	ug/L	1.0		
Total HAA's (Summation)	BWG2013-BLK1	<1.0	ug/L	1.0		
2,3-Dibromopropionic acid (Surrogate)	BWG2013-BLK1	76.2	%	70 - 130 (LCL - UCL)		



Legy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Halogenated Acetic Acids (Method EPA-552.3)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		
							Percent Recovery	RPD	Lab Quals
QC Batch ID: BWG2013									
Dibromoacetic acid	BWG2013-BS1	LCS	25.695	15.000	ug/L	171	70 - 130		L01
Dichloroacetic acid	BWG2013-BS1	LCS	19.357	15.000	ug/L	129	70 - 130		
Monobromoacetic acid	BWG2013-BS1	LCS	18.788	15.000	ug/L	125	70 - 130		
Monochloroacetic acid	BWG2013-BS1	LCS	19.878	15.000	ug/L	133	70 - 130		L01
Trichloroacetic acid	BWG2013-BS1	LCS	21.452	15.000	ug/L	143	70 - 130		L01
2,3-Dibromopropionic acid (Surrogate)	BWG2013-BS1	LCS	5.6937	15.000	ug/L	38.0	70 - 130		S09



SS Lægy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Halogenated Acetic Acids (Method EPA-552.3)

Quality Control Report - Precision & Accuracy

Constituent	Source Type	Source Sample ID	Result	Spike Added	Units	RPD	Control Limits		
							Percent Recovery	Percent RPD	Lab Recovery Quals
QC Batch ID: BWG2013		Used client sample: N							
Dibromoacetic acid	MS	1313237-76	ND	24.133	15.000	ug/L	161	70 - 130	Q03
	MSD	1313237-76	ND	27.888	15.000	ug/L	14.4	186	30
Dichloroacetic acid	MS	1313237-76	ND	18.909	15.000	ug/L	126	70 - 130	
	MSD	1313237-76	ND	20.715	15.000	ug/L	9.1	138	30
Monobromoacetic acid	MS	1313237-76	ND	17.776	15.000	ug/L	119	70 - 130	
	MSD	1313237-76	ND	19.883	15.000	ug/L	11.2	133	30
Monochloroacetic acid	MS	1313237-76	ND	19.398	15.000	ug/L	129	70 - 130	
	MSD	1313237-76	ND	21.242	15.000	ug/L	9.1	142	30
Trichloroacetic acid	MS	1313237-76	ND	21.385	15.000	ug/L	143	70 - 130	Q03
	MSD	1313237-76	ND	25.010	15.000	ug/L	15.6	167	30
2,3-Dibromopropionic acid (Surrogate)	MS	1313237-76	ND	12.625	15.000	ug/L	84.2	70 - 130	
	MSD	1313237-76	ND	15.003	15.000	ug/L	17.2	100	70 - 130



Legy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 08/08/2013 9:11

Project: Drinking Water

Project Number: Triennial Disinfection ByProducts

Project Manager: Ernie Bloecher

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Submission #: 13-15489

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None Box
 Other (Specify) _____

FREE LIQUID

YES NO

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals Ice Chest Containers None Comments:
 Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Emissivity: 0.98	Container: Pipe	Thermometer ID: 207	Date/Time: 7/24/13
	Temperature: (A) 5.2 °C / (C) 5.3 °C			Analyst Init: MAM 1005

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/GENERAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PT PHENOLICS										
VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A.3	()	()	()	()	()	()	()	()	()
QT EPA 413.1, 413.2, 418.1										
PT ODR HAA5	B									
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
?ROUS IRON										
ENCORE										
SMART KIT										
Summa Canister										

Comments: _____

Sample Numbering Completed By: K10 Date/Time: 7/24/13 @ 1605

A = Actual / C = Corrected



Moss Landing Mutual Water Company

Analytical Results for 2013

SOC's, VOC's and Perchlorates



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Date of Report: 06/07/2013

Ernie Bloecher

Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Project: Drinking Water
BC Work Order: 1310716
Invoice ID: B147822

MLS13-98 Well 18

MLS13-99 Well 9

Perchlorate } Analysis
VOC }
SOC }

Sampled 5/21/13

Enclosed are the results of analyses for samples received by the laboratory on 5/23/2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tina Green

Contact Person: Tina Green
Client Services Manager

[Signature]

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014

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1310716-03 - Travel Blank

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Chain of Custody and Cooler Receipt Form for 1310716 Page 2 of 2

BC LABORATORIES INC.		COOLER RECEIPT FORM		Rev. No. 13	08/17/12	Page 1 Of 1				
Submission #: 1310716										
SHIPPING INFORMATION				SHIPPING CONTAINER						
Federal Express <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____										
Custody Seals	Ice Chest <input type="checkbox"/>	Containers <input type="checkbox"/>	None <input checked="" type="checkbox"/> Comments: _____							
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Emissivity: 0.95 Container: Amber Thermometer ID: 207		Date/Time: 5/23/13		Analyst Init: MAM 1110					
Temperature: (A) 3.3 °C / (C) 3.2 °C										
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
OT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED 8oz (640)	B	B								
OT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
1oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PLA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK		A (1)								
40ml VOA VIAL	A (3)	A (3)	1	1	1	1	1	1	1	1
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL 504										
OT EPA 508/608/808										
OT EPA 515.1/815.0										
OT EPA 525	1025.7	C	C							
OT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
OT EPA 548										
OT EPA 549										
OT EPA 632										
OT EPA 801SM										
OT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
Comments: _____										
Sample Numbering Completed By: SAS	Date/Time: 5/23/13 1725									
A = Actual / C = Corrected										
IS:\MyDOCS\WordPerfect\LAB_DOCS\FORMS\13\SAMREC13\										



Duqegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1310716-01	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: MLS13-98 WELL 8 Sampled By: ---	Receive Date: 05/23/2013 11:10 Sampling Date: 05/21/2013 10:35 Sample Depth: --- Lab Matrix: Water Sample Type: Water
1310716-02	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: MLS13-99 WELL 9 Sampled By: ---	Receive Date: 05/23/2013 11:10 Sampling Date: 05/21/2013 10:30 Sample Depth: --- Lab Matrix: Water Sample Type: Water
1310716-03	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: Travel Blank Sampled By: ---	Receive Date: 05/23/2013 11:10 Sampling Date: 05/22/2013 00:00 Sample Depth: --- Lab Matrix: Water Sample Type: Trip Blank



PSEG/Moss Landing Power Plant
1-way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-01	Client Sample Name: MLS13-98 WELL 8, 5/21/2013 10:35:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromodichloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromoform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromomethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
n-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
sec-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
tert-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Carbon tetrachloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
2-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
4-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,2-Dibromoethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromomethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,4-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dichlorodifluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1-Trichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1



Peggy/Moss Landing Power Plant
way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-01	Client Sample Name: MLS13-98 WELL 8, 5/21/2013 10:35:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total 1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Hexachlorobutadiene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Isopropylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
p-Isopropyltoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methylene chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Naphthalene	<0.50	ug/L	0.50	EPA-524.2	ND		1
n-Propylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Styrene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Tetrachloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Toluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichlorofluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Vinyl chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total Xylenes	<1.0	ug/L	1.0	EPA-524.2	ND		1
Total Trihalomethanes	<2.0	ug/L	2.0	EPA-524.2	ND		1
t-Amyl Methyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
t-Butyl alcohol	<10	ug/L	10	EPA-524.2	ND		1
propyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
lanyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1



D-Energy/Moss Landing Power Plant
1000 Bay 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-01	Client Sample Name: MLS13-98 WELL 8, 5/21/2013 10:35:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
p- & m-Xylenes	<0.50	ug/L	0.50	EPA-524.2	ND		1
o-Xylene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	75 - 125 (LCL - UCL)	EPA-524.2			1
Toluene-d8 (Surrogate)	99.5	%	80 - 120 (LCL - UCL)	EPA-524.2			1
4-Bromofluorobenzene (Surrogate)	89.1	%	80 - 120 (LCL - UCL)	EPA-524.2			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-524.2	05/24/13	05/24/13 15:05	MGC	MS-V5	1	BWE1853



Pegy/Moss Landing Power Plant
1-way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

BCL Sample ID:	1310716-01	Client Sample Name: MLS13-98 WELL 8, 5/21/2013 10:35:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Acenaphthylene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Alachlor	<0.20	ug/L	0.20	EPA-525.2	ND		1
Anthracene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Atraton	<0.50	ug/L	0.50	EPA-525.2	ND		1
Atrazine	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzo[a]anthracene	<0.20	ug/L	0.20	EPA-525.2	ND		1
Benzo[b]fluoranthene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzo[k]fluoranthene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzo[a]pyrene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Benzo[g,h,i]perylene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzyl butyl phthalate	<4.0	ug/L	4.0	EPA-525.2	ND		1
delta-BHC	<0.20	ug/L	0.20	EPA-525.2	ND		1
gamma-BHC (Lindane)	<0.10	ug/L	0.10	EPA-525.2	ND		1
bis(2-Ethylhexyl)phthalate	<3.0	ug/L	3.0	EPA-525.2	ND		1
Bromacil	<0.50	ug/L	0.50	EPA-525.2	ND		1
Chrysene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Diazinon	<0.20	ug/L	0.20	EPA-525.2	ND		1
Dibenzo[a,h]anthracene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Di(2-ethylhexyl)adipate	<1.0	ug/L	1.0	EPA-525.2	ND		1
Dimethoate	<2.0	ug/L	2.0	EPA-525.2	ND		1
Dimethyl phthalate	<1.0	ug/L	1.0	EPA-525.2	ND		1
Di-n-butyl phthalate	<1.0	ug/L	1.0	EPA-525.2	ND		1
Fluorene	<0.20	ug/L	0.20	EPA-525.2	ND		1
Hexachlorobenzene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Hexachlorocyclopentadiene	<1.0	ug/L	1.0	EPA-525.2	ND		1
Indeno[1,2,3-cd]pyrene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Methoxychlor	<0.30	ug/L	0.30	EPA-525.2	ND		1
Metolachlor	<0.50	ug/L	0.50	EPA-525.2	ND		1
Metribuzin	<0.50	ug/L	0.50	EPA-525.2	ND		1
Molinate	<0.50	ug/L	0.50	EPA-525.2	ND		1
Phenanthrene	<0.10	ug/L	0.10	EPA-525.2	ND		1
meton	<0.50	ug/L	0.50	EPA-525.2	ND		1
methetryn	<0.50	ug/L	0.50	EPA-525.2	ND		1



Perry/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

BCL Sample ID:	1310716-01	Client Sample Name: MLS13-98 WELL 8, 5/21/2013 10:35:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Pyrene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Secbumeton	<0.50	ug/L	0.50	EPA-525.2	ND		1
Simazine	<0.30	ug/L	0.30	EPA-525.2	ND		1
Terbutryn	<0.50	ug/L	0.50	EPA-525.2	ND		1
Thiobencarb	<0.50	ug/L	0.50	EPA-525.2	ND		1
Perylene-d12 (Surrogate)	93.0	%	60 - 140 (LCL - UCL)	EPA-525.2			1
1,3-Dimethyl-2-nitrobenzene (Surrogate)	96.4	%	70 - 140 (LCL - UCL)	EPA-525.2			1
Triphenylphosphate (Surrogate)	147	%	70 - 140 (LCL - UCL)	EPA-525.2	S09		1

Run #	Method	Prep Date	Run			Dilution	QC Batch ID
			Date/Time	Analyst	Instrument		
1	EPA-525.2	05/28/13	06/03/13 20:06	SKC	MS-B6	1	BWF0106



egy/Moss Landing Power Plant
way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

BCL Sample ID:	1310716-01	Client Sample Name: MLS13-98 WELL 8, 5/21/2013 10:35:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Perchlorate	<0.0040	mg/L	0.0040	EPA-314.0	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-314.0	05/29/13	05/29/13 11:15	LD1	IC6	1	BWE2092



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-02	Client Sample Name: MLS13-99 WELL 9, 5/21/2013 10:30:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromodichloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromoform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromomethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
n-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
sec-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
tert-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Carbon tetrachloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
2-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
4-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,2-Dibromoethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromomethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,4-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dichlorodifluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1



Pepco/Moss Landing Power Plant
way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-02	Client Sample Name: MLS13-99 WELL 9, 5/21/2013 10:30:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total 1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Hexachlorobutadiene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Isopropylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
p-Isopropyltoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methylene chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Naphthalene	<0.50	ug/L	0.50	EPA-524.2	ND		1
n-Propylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Styrene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Tetrachloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Toluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichlorofluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Vinyl chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total Xylenes	<1.0	ug/L	1.0	EPA-524.2	ND		1
Total Trihalomethanes	<2.0	ug/L	2.0	EPA-524.2	ND		1
t-Amyl Methyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
t-Butyl alcohol	<10	ug/L	10	EPA-524.2	ND		1
Isopropyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dimethyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1



Pegy/Moss Landing Power Plant
10000 Hwy 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-02	Client Sample Name: MLS13-99 WELL 9, 5/21/2013 10:30:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
p- & m-Xylenes	<0.50	ug/L	0.50	EPA-524.2	ND		1
o-Xylene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	75 - 125 (LCL - UCL)	EPA-524.2			1
Toluene-d8 (Surrogate)	98.6	%	80 - 120 (LCL - UCL)	EPA-524.2			1
4-Bromofluorobenzene (Surrogate)	87.2	%	80 - 120 (LCL - UCL)	EPA-524.2			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-524.2	05/24/13	05/24/13 15:27	MGC	MS-V5	1	BWE1853



D...gy/Moss Landing Power Plant
 H...ay 1 and Dolan Road/ P.O. Box 690
 Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43
 Project: Drinking Water
 Project Number: [none]
 Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

BCL Sample ID:	1310716-02	Client Sample Name: MLS13-99 WELL 9, 5/21/2013 10:30:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Acenaphthylene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Alachlor	<0.20	ug/L	0.20	EPA-525.2	ND		1
Anthracene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Atraton	<0.50	ug/L	0.50	EPA-525.2	ND		1
Atrazine	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzo[a]anthracene	<0.20	ug/L	0.20	EPA-525.2	ND		1
Benzo[b]fluoranthene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzo[k]fluoranthene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzo[a]pyrene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Benzo[g,h,i]perylene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Benzyl butyl phthalate	<4.0	ug/L	4.0	EPA-525.2	ND		1
delta-BHC	<0.20	ug/L	0.20	EPA-525.2	ND		1
gamma-BHC (Lindane)	<0.10	ug/L	0.10	EPA-525.2	ND		1
bis(2-Ethylhexyl)phthalate	<3.0	ug/L	3.0	EPA-525.2	ND		1
Bromacil	<0.50	ug/L	0.50	EPA-525.2	ND		1
Chrysene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Diazinon	<0.20	ug/L	0.20	EPA-525.2	ND		1
Dibenzo[a,h]anthracene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Di(2-ethylhexyl)adipate	<1.0	ug/L	1.0	EPA-525.2	ND		1
Dimethoate	<2.0	ug/L	2.0	EPA-525.2	ND		1
Dimethyl phthalate	<1.0	ug/L	1.0	EPA-525.2	ND		1
Di-n-butyl phthalate	<1.0	ug/L	1.0	EPA-525.2	ND		1
Fluorene	<0.20	ug/L	0.20	EPA-525.2	ND		1
Hexachlorobenzene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Hexachlorocyclopentadiene	<1.0	ug/L	1.0	EPA-525.2	ND		1
Indeno[1,2,3-cd]pyrene	<0.30	ug/L	0.30	EPA-525.2	ND		1
Methoxychlor	<0.30	ug/L	0.30	EPA-525.2	ND		1
Metolachlor	<0.50	ug/L	0.50	EPA-525.2	ND		1
Metribuzin	<0.50	ug/L	0.50	EPA-525.2	ND		1
Molinate	<0.50	ug/L	0.50	EPA-525.2	ND		1
Phenanthrene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Pheton	<0.50	ug/L	0.50	EPA-525.2	ND		1
Prometryn	<0.50	ug/L	0.50	EPA-525.2	ND		1



Energy/Moss Landing Power Plant
1000 Bayway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

BCL Sample ID:	1310716-02	Client Sample Name: MLS13-99 WELL 9, 5/21/2013 10:30:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Pyrene	<0.10	ug/L	0.10	EPA-525.2	ND		1
Secbumeton	<0.50	ug/L	0.50	EPA-525.2	ND		1
Simazine	<0.30	ug/L	0.30	EPA-525.2	ND		1
Terbutryn	<0.50	ug/L	0.50	EPA-525.2	ND		1
Thiobencarb	<0.50	ug/L	0.50	EPA-525.2	ND		1
Perylene-d12 (Surrogate)	98.0	%	60 - 140 (LCL - UCL)	EPA-525.2			1
1,3-Dimethyl-2-nitrobenzene (Surrogate)	95.4	%	70 - 140 (LCL - UCL)	EPA-525.2			1
Triphenylphosphate (Surrogate)	150	%	70 - 140 (LCL - UCL)	EPA-525.2	S09		1

Run #	Method	Prep Date	Run			Dilution	Batch ID	QC
			Date/Time	Analyst	Instrument			
1	EPA-525.2	05/28/13	06/03/13 20:31	SKC	MS-B6	1	BWF0106	



PGM - Methyl/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

BCL Sample ID:	1310716-02	Client Sample Name:	MLS13-99 WELL 9, 5/21/2013 10:30:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Perchlorate	<0.0040	mg/L	0.0040	EPA-314.0	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-314.0	05/29/13	05/29/13 11:27	LD1	IC6	1	BWE2092



PSEG/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-03	Client Sample Name: Travel Blank, 5/22/2013 12:00:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromoform	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromodichloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Bromomethane	<0.50	ug/L	0.50	EPA-524.2	ND	V11	1
n-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
sec-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
tert-Butylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Carbon tetrachloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Formic acid	<0.50	ug/L	0.50	EPA-524.2	ND		1
Chloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
2-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
4-Chlorotoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromochloromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,2-Dibromoethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dibromomethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,4-Dichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Dichlorodifluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1



Pegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-03	Client Sample Name: Travel Blank, 5/22/2013 12:00:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total 1,3-Dichloropropene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Hexachlorobutadiene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Isopropylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
p-Isopropyltoluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methylene chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Methyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Naphthalene	<0.50	ug/L	0.50	EPA-524.2	ND		1
n-Propylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Styrene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Tetrachloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Toluene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,1-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,1,2-Trichloroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichloroethene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Trichlorofluoromethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	EPA-524.2	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	EPA-524.2	ND		1
Vinyl chloride	<0.50	ug/L	0.50	EPA-524.2	ND		1
Total Xylenes	<1.0	ug/L	1.0	EPA-524.2	ND		1
Total Trihalomethanes	<2.0	ug/L	2.0	EPA-524.2	ND		1
t-Amyl Methyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
t-Butyl alcohol	<10	ug/L	10	EPA-524.2	ND		1
Isopropyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1
Ethyl t-butyl ether	<0.50	ug/L	0.50	EPA-524.2	ND		1



Segy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

BCL Sample ID:	1310716-03	Client Sample Name: Travel Blank, 5/22/2013 12:00:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
p- & m-Xylenes	<0.50	ug/L	0.50	EPA-524.2	ND		1
o-Xylene	<0.50	ug/L	0.50	EPA-524.2	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	75 - 125 (LCL - UCL)	EPA-524.2			1
Toluene-d8 (Surrogate)	98.2	%	80 - 120 (LCL - UCL)	EPA-524.2			1
4-Bromofluorobenzene (Surrogate)	85.4	%	80 - 120 (LCL - UCL)	EPA-524.2			1

Run #	Method	Prep Date	Run			Dilution	QC Batch ID
			Date/Time	Analyst	Instrument		
1	EPA-524.2	05/24/13	05/24/13 15:50	MGC	MS-V5	1	BWE1853



PGMegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWE1853						
Benzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Bromobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Bromochloromethane	BWE1853-BLK1	<0.50	ug/L	0.50		
Bromodichloromethane	BWE1853-BLK1	<0.50	ug/L	0.50		
Bromoform	BWE1853-BLK1	<0.50	ug/L	0.50		
Bromomethane	BWE1853-BLK1	<0.50	ug/L	0.50		
n-Butylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
sec-Butylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
tert-Butylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Carbon tetrachloride	BWE1853-BLK1	<0.50	ug/L	0.50		
Chlorobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Chloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
Chloroform	BWE1853-BLK1	<0.50	ug/L	0.50		
Chloromethane	BWE1853-BLK1	<0.50	ug/L	0.50		
2-Chlorotoluene	BWE1853-BLK1	<0.50	ug/L	0.50		
4-Chlorotoluene	BWE1853-BLK1	<0.50	ug/L	0.50		
Dibromochloromethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2-Dibromo-3-chloropropane	BWE1853-BLK1	<1.0	ug/L	1.0		
1,2-Dibromoethane	BWE1853-BLK1	<0.50	ug/L	0.50		
Dibromomethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2-Dichlorobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,3-Dichlorobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,4-Dichlorobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Dichlorodifluoromethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1-Dichloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2-Dichloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1-Dichloroethene	BWE1853-BLK1	<0.50	ug/L	0.50		
cis-1,2-Dichloroethene	BWE1853-BLK1	<0.50	ug/L	0.50		
trans-1,2-Dichloroethene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2-Dichloropropane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,3-Dichloropropane	BWE1853-BLK1	<0.50	ug/L	0.50		
2,3-Dichloropropane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1-Dichloropropene	BWE1853-BLK1	<0.50	ug/L	0.50		
cis-1,3-Dichloropropene	BWE1853-BLK1	<0.50	ug/L	0.50		



Dreygey/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWE1853						
trans-1,3-Dichloropropene	BWE1853-BLK1	<0.50	ug/L	0.50		
Total 1,3-Dichloropropene	BWE1853-BLK1	<0.50	ug/L	0.50		
Ethylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Hexachlorobutadiene	BWE1853-BLK1	<0.50	ug/L	0.50		
Isopropylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
p-Isopropyltoluene	BWE1853-BLK1	<0.50	ug/L	0.50		
Methylene chloride	BWE1853-BLK1	<0.50	ug/L	0.50		
Methyl t-butyl ether	BWE1853-BLK1	<0.50	ug/L	0.50		
Naphthalene	BWE1853-BLK1	<0.50	ug/L	0.50		
n-Propylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Styrene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1,1,2-Tetrachloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1,1,2-Tetrachloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
Tetrachloroethene	BWE1853-BLK1	<0.50	ug/L	0.50		
Toluene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2,3-Trichlorobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2,4-Trichlorobenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1,1-Trichloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,1,2-Trichloroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
Trichloroethene	BWE1853-BLK1	<0.50	ug/L	0.50		
Trichlorofluoromethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2,3-Trichloropropane	BWE1853-BLK1	<1.0	ug/L	1.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	BWE1853-BLK1	<0.50	ug/L	0.50		
1,2,4-Trimethylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
1,3,5-Trimethylbenzene	BWE1853-BLK1	<0.50	ug/L	0.50		
Vinyl chloride	BWE1853-BLK1	<0.50	ug/L	0.50		
Total Xylenes	BWE1853-BLK1	<1.0	ug/L	1.0		
Total Trihalomethanes	BWE1853-BLK1	<2.0	ug/L	2.0		
t-Amyl Methyl ether	BWE1853-BLK1	<0.50	ug/L	0.50		
t-Butyl alcohol	BWE1853-BLK1	<10	ug/L	10		
Diisopropyl ether	BWE1853-BLK1	<0.50	ug/L	0.50		
Fatty t-butyl ether	BWE1853-BLK1	<0.50	ug/L	0.50		
m-Xylenes	BWE1853-BLK1	<0.50	ug/L	0.50		
o-Xylene	BWE1853-BLK1	<0.50	ug/L	0.50		



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)**Quality Control Report - Method Blank Analysis**

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWE1853						
1,2-Dichloroethane-d4 (Surrogate)	BWE1853-BLK1	107	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWE1853-BLK1	98.3	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWE1853-BLK1	88.0	%	80 - 120 (LCL - UCL)		



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		
							RPD	Percent Recovery	Lab RPD
QC Batch ID: BWE1853									
Benzene	BWE1853-BS1	LCS	25.960	25.000	ug/L	104		70 - 130	
Bromodichloromethane	BWE1853-BS1	LCS	25.440	25.000	ug/L	102		70 - 130	
Chlorobenzene	BWE1853-BS1	LCS	24.130	25.000	ug/L	96.5		70 - 130	
Chloroethane	BWE1853-BS1	LCS	26.480	25.000	ug/L	106		70 - 130	
1,4-Dichlorobenzene	BWE1853-BS1	LCS	23.190	25.000	ug/L	92.8		70 - 130	
1,1-Dichloroethane	BWE1853-BS1	LCS	25.000	25.000	ug/L	100		70 - 130	
1,1-Dichloroethene	BWE1853-BS1	LCS	23.970	25.000	ug/L	95.9		70 - 130	
Toluene	BWE1853-BS1	LCS	24.460	25.000	ug/L	97.8		70 - 130	
Trichloroethene	BWE1853-BS1	LCS	23.570	25.000	ug/L	94.3		70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BWE1853-BS1	LCS	9.7600	10.000	ug/L	97.6		75 - 125	
Toluene-d8 (Surrogate)	BWE1853-BS1	LCS	9.9900	10.000	ug/L	99.9		80 - 120	
4-Chlorofluorobenzene (Surrogate)	BWE1853-BS1	LCS	10.120	10.000	ug/L	101		80 - 120	



Pegy/Moss Landing Power Plant
Way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Volatile Organic Analysis (EPA Method 524.2)

Quality Control Report - Precision & Accuracy

Constituent	Source Type	Source Sample ID	Result	Spike Added	Units	Percent Recovery	Control Limits		
							RPD	Lab RPD	Recovery Quals
QC Batch ID: BWE1853 Used client sample: N									
Benzene	MS	1310719-01	ND	25.050	25.000	ug/L	100	70 - 130	
	MSD	1310719-01	ND	25.400	25.000	ug/L	1.4	102	20
Bromodichloromethane	MS	1310719-01	ND	24.710	25.000	ug/L	98.8	70 - 130	
	MSD	1310719-01	ND	25.610	25.000	ug/L	3.6	102	20
Chlorobenzene	MS	1310719-01	ND	22.730	25.000	ug/L	90.9	70 - 130	
	MSD	1310719-01	ND	24.390	25.000	ug/L	7.0	97.6	20
Chloroethane	MS	1310719-01	ND	26.560	25.000	ug/L	106	70 - 130	
	MSD	1310719-01	ND	26.540	25.000	ug/L	0.1	106	20
1,4-Dichlorobenzene	MS	1310719-01	ND	21.160	25.000	ug/L	84.6	70 - 130	
	MSD	1310719-01	ND	23.520	25.000	ug/L	10.6	94.1	20
1,1-Dichloroethane	MS	1310719-01	ND	24.470	25.000	ug/L	97.9	70 - 130	
	MSD	1310719-01	ND	24.750	25.000	ug/L	1.1	99.0	20
1,1-Chloroethene	MS	1310719-01	ND	23.610	25.000	ug/L	94.4	70 - 130	
	MSD	1310719-01	ND	24.350	25.000	ug/L	3.1	97.4	20
Toluene	MS	1310719-01	ND	24.420	25.000	ug/L	97.7	70 - 130	
	MSD	1310719-01	ND	25.060	25.000	ug/L	2.6	100	20
Trichloroethene	MS	1310719-01	ND	22.800	25.000	ug/L	91.2	70 - 130	
	MSD	1310719-01	ND	23.140	25.000	ug/L	1.5	92.6	20
1,2-Dichloroethane-d4 (Surrogate)	MS	1310719-01	ND	10.290	10.000	ug/L	103	75 - 125	
	MSD	1310719-01	ND	10.150	10.000	ug/L	1.4	102	
Toluene-d8 (Surrogate)	MS	1310719-01	ND	10.150	10.000	ug/L	102	80 - 120	
	MSD	1310719-01	ND	9.7900	10.000	ug/L	3.6	97.9	
4-Bromofluorobenzene (Surrogate)	MS	1310719-01	ND	9.8700	10.000	ug/L	98.7	80 - 120	
	MSD	1310719-01	ND	10.190	10.000	ug/L	3.2	102	



PGM-Moss Landing Power Plant
1way 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWF0106						
Acenaphthylene	BWF0106-BLK1	<0.10	ug/L	0.10		
Alachlor	BWF0106-BLK1	<0.20	ug/L	0.20		
Anthracene	BWF0106-BLK1	<0.10	ug/L	0.10		
Atraton	BWF0106-BLK1	<0.50	ug/L	0.50		
Atrazine	BWF0106-BLK1	<0.30	ug/L	0.30		
Benzo[a]anthracene	BWF0106-BLK1	<0.20	ug/L	0.20		
Benzo[b]fluoranthene	BWF0106-BLK1	<0.30	ug/L	0.30		
Benzo[k]fluoranthene	BWF0106-BLK1	<0.30	ug/L	0.30		
Benzo[a]pyrene	BWF0106-BLK1	<0.10	ug/L	0.10		
Benzo[g,h,i]perylene	BWF0106-BLK1	<0.30	ug/L	0.30		
Benzyl butyl phthalate	BWF0106-BLK1	<4.0	ug/L	4.0		
d ₄ -BHC	BWF0106-BLK1	<0.20	ug/L	0.20		
g ₄ -BHC (Lindane)	BWF0106-BLK1	<0.10	ug/L	0.10		
bis(2-Ethylhexyl)phthalate	BWF0106-BLK1	<3.0	ug/L	3.0		
Bromacil	BWF0106-BLK1	<0.50	ug/L	0.50		
Chrysene	BWF0106-BLK1	<0.30	ug/L	0.30		
Diazinon	BWF0106-BLK1	<0.20	ug/L	0.20		
Dibenzo[a,h]anthracene	BWF0106-BLK1	<0.30	ug/L	0.30		
Di(2-ethylhexyl)adipate	BWF0106-BLK1	<1.0	ug/L	1.0		
Dimethoate	BWF0106-BLK1	<2.0	ug/L	2.0		
Dimethyl phthalate	BWF0106-BLK1	<1.0	ug/L	1.0		
Di-n-butyl phthalate	BWF0106-BLK1	<1.0	ug/L	1.0		
Fluorene	BWF0106-BLK1	<0.20	ug/L	0.20		
Hexachlorobenzene	BWF0106-BLK1	<0.10	ug/L	0.10		
Hexachlorocyclopentadiene	BWF0106-BLK1	<1.0	ug/L	1.0		
Indeno[1,2,3-cd]pyrene	BWF0106-BLK1	<0.30	ug/L	0.30		
Methoxychlor	BWF0106-BLK1	<0.30	ug/L	0.30		
Metolachlor	BWF0106-BLK1	<0.50	ug/L	0.50		
Metribuzin	BWF0106-BLK1	<0.50	ug/L	0.50		
Molinate	BWF0106-BLK1	<0.50	ug/L	0.50		
Phenanthrene	BWF0106-BLK1	<0.10	ug/L	0.10		
Pruneon	BWF0106-BLK1	<0.50	ug/L	0.50		
F ₄ -trypten	BWF0106-BLK1	<0.50	ug/L	0.50		
Pyrene	BWF0106-BLK1	<0.10	ug/L	0.10		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
 All results listed in this report are for the exclusive use of the submitting party BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com



DuNoy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWF0106						
Secbumeton	BWF0106-BLK1	<0.50	ug/L	0.50		
Simazine	BWF0106-BLK1	<0.30	ug/L	0.30		
Terbutryn	BWF0106-BLK1	<0.50	ug/L	0.50		
Thiobencarb	BWF0106-BLK1	<0.50	ug/L	0.50		
Perylene-d12 (Surrogate)	BWF0106-BLK1	98.0	%	60 - 140 (LCL - UCL)		
1,3-Dimethyl-2-nitrobenzene (Surrogate)	BWF0106-BLK1	97.4	%	70 - 140 (LCL - UCL)		
Triphenylphosphate (Surrogate)	BWF0106-BLK1	142	%	70 - 140 (LCL - UCL)	S09	



PGM - PGH/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		
							RPD	Percent Recovery	Lab RPD
QC Batch ID: BWF0106									
Acenaphthylene	BWF0106-BS1	LCS	1.4400	2.0000	ug/L	72.0		60 - 140	
Alachlor	BWF0106-BS1	LCS	2.3500	2.0000	ug/L	118		70 - 140	
Atrazine	BWF0106-BS1	LCS	2.1300	2.0000	ug/L	106		60 - 140	
Benzo[a]pyrene	BWF0106-BS1	LCS	1.7100	2.0000	ug/L	85.5		70 - 140	
Chrysene	BWF0106-BS1	LCS	2.1400	2.0000	ug/L	107		70 - 140	
Pyrene	BWF0106-BS1	LCS	2.3700	2.0000	ug/L	118		70 - 140	
Simazine	BWF0106-BS1	LCS	1.0900	2.0000	ug/L	54.5		55 - 140	L01
Perylene-d12 (Surrogate)	BWF0106-BS1	LCS	5.2300	5.0000	ug/L	105		60 - 140	
1,3-Dimethyl-2-nitrobenzene (Surrogate)	BWF0106-BS1	LCS	4.6600	5.0000	ug/L	93.2		70 - 140	
Triphenylphosphate (Surrogate)	BWF0106-BS1	LCS	7.0400	5.0000	ug/L	141		70 - 140	S09



PGM Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

Quality Control Report - Precision & Accuracy

Constituent	Source Type	Source Sample ID	Result	Spike Added	Units	Percent Recovery	Control Limits		
							RPD	Percent RPD	Lab Recovery Quals
QC Batch ID: BWF0106		Used client sample: N							
Acenaphthylene	MS	1310670-30	ND	1.3700	2.0000	ug/L	68.5	60 - 140	
	MSD	1310670-30	ND	1.3800	2.0000	ug/L	0.7	69.0	30 60 - 140
Alachlor	MS	1310670-30	ND	2.3300	2.0000	ug/L	116	70 - 140	
	MSD	1310670-30	ND	2.4100	2.0000	ug/L	3.4	120	30 70 - 140
Atrazine	MS	1310670-30	ND	2.1200	2.0000	ug/L	106	60 - 140	
	MSD	1310670-30	ND	2.1300	2.0000	ug/L	0.5	106	30 60 - 140
Benzo[a]pyrene	MS	1310670-30	ND	1.6300	2.0000	ug/L	81.5	70 - 140	
	MSD	1310670-30	ND	1.5400	2.0000	ug/L	5.7	77.0	30 70 - 140
Chrysene	MS	1310670-30	ND	2.0700	2.0000	ug/L	104	70 - 140	
	MSD	1310670-30	ND	2.1500	2.0000	ug/L	3.8	108	30 70 - 140
Pyrene	MS	1310670-30	ND	2.3100	2.0000	ug/L	116	70 - 140	
	MSD	1310670-30	ND	2.3600	2.0000	ug/L	2.1	118	30 70 - 140
S	ine	MS	1310670-30	ND	1.1300	2.0000	ug/L	56.5	55 - 140
	MSD	1310670-30	ND	1.1500	2.0000	ug/L	1.8	57.5	30 55 - 140
Perylene-d12 (Surrogate)	MS	1310670-30	ND	5.3800	5.0000	ug/L	108	60 - 140	
	MSD	1310670-30	ND	5.0300	5.0000	ug/L	6.7	101	60 - 140
1,3-Dimethyl-2-nitrobenzene (Surrog	MS	1310670-30	ND	4.7800	5.0000	ug/L	95.6	70 - 140	
	MSD	1310670-30	ND	4.7300	5.0000	ug/L	1.1	94.6	70 - 140
Triphenylphosphate (Surrogate)	MS	1310670-30	ND	6.8200	5.0000	ug/L	136	70 - 140	
	MSD	1310670-30	ND	6.8400	5.0000	ug/L	0.3	137	70 - 140



Energy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWE2092						
Perchlorate	BWE2092-BLK1	<0.0040	mg/L	0.0040		

BC**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949

PGM/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		
							RPD	Percent Recovery	Lab RPD
Perchlorate	BWE2092-BS1	LCS	0.010296	0.010000	mg/L	103		85 - 115	
QC Batch ID: BWE2092									



Pegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43

Project: Drinking Water

Project Number: [none]

Project Manager: Ernie Bloecher

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Source	Source	Spike Added	Units	Percent Recovery	Control Limits		
	Type	Sample ID				RPD	Percent RPD	Lab Recovery
QC Batch ID: BWE2092		Used client sample: N						
Perchlorate	DUP	1310836-01	0.0020393	<0.0040	mg/L		15	
	MS	1310836-01	0.0020393	0.011460	0.010101	mg/L	93.3	80 - 120
	MSD	1310836-01	0.0020393	0.011223	0.010101	mg/L	2.1	90.9
							15	80 - 120



• Biggy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 06/07/2013 11:43
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 13/06/19

Sample ID No. 1310716-01

Laboratory

Signature Lab

N : BC LABORATORIES

Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/21/1035

Received @ Lab: 13/05/23/1110

Completed: 13/06/19

System

System

Name: MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source: WELL 08

* User ID: 27C

Station Number: 2701683-001 *

* Date/Time of Sample: |13|05|21|1035|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|06|19| *

* Submitted by: _____

Phone #: _____ *

Page 1 of 3

REGULATED ORGANIC CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Total Trihalomethanes (TTHMs)	82080	< 2.0	80	
524.2	Bromodichloromethane	32101	< 0.50		1.0
524.2	Bromoform	32104	< 0.50		1.0
524.2	Chloroform (Trichloromethane)	32106	< 0.50		1.0
524.2	Dibromochloromethane	32105	< 0.50		1.0
524.2	Benzene	34030	< 0.50	1	.50
524.2	Carbon Tetrachloride	32102	< 0.50	.5	.50
524.2	1,2-Dichlorobenzene (o-DCB)	34536	< 0.50	600	.50
524.2	1,4-Dichlorobenzene (p-DCB)	34571	< 0.50	5	.50
524.2	1,1-Dichloroethane (1,1-DCA)	34496	< 0.50	5	.50
524.2	1,2-Dichloroethane (1,2-DCA)	34531	< 0.50	.5	.50
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	< 0.50	6	.50
524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	77093	< 0.50	6	.50
524.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	34546	< 0.50	10	.50
524.2	Dichloromethane (Methylene Chloride)	34423	< 0.50	5	.50
524.2	1,2-Dichloropropane	34541	< 0.50	5	.50
524.2	Total 1,3-Dichloropropene	34561	< 0.50	.5	.50
524.2	Ethyl Benzene	34371	< 0.50	300	.50
524.2	Methyl tert-Butyl Ether (MTBE)	46491	< 0.50	5	3.00
524.2	Monochlorobenzene (Chlorobenzene)	34301	< 0.50	70	.50
524.2	Styrene	77128	< 0.50	100	.50
524.2	1,1,2,2-Tetrachloroethane	34516	< 0.50	1	.50
524.2	Tetrachloroethylene (PCE)	34475	< 0.50	5	.50
524.2	Toluene	34010	< 0.50	150	.50
524.2	1,2,4-Trichlorobenzene	34551	< 0.50	5	.50
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	34506	< 0.50	200	.50
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	34511	< 0.50	5	.50
524.2	Trichloroethylene (TCE)	39180	< 0.50	5	.50
524.2	Trichlorofluoromethane (FREON 11)	34488	< 0.50	150	5.00

TEST ETHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Trichlorotrifluoroethane (FREON 113)	81611	< 0.50	1200	10.00
524.2	Vinyl Chloride (VC)	39175	< 0.50	.5	.50
524.2	m,p-Xylene	A-014	< 0.50		.50
524.2	o-Xylene	77135	< 0.50		.50
524.2	Total Xylenes (m,p, & o)	81551	< 1.0	1750	
524.2	Dibromochloropropane (DBCP)	38761	< 1.0	.2	.01
525.2	Methoxychlor	39480	< 0.30	30	10.00
525.2	Molinate (ORDRAM)	82199	< 0.50	20	2.00
525.2	Simazine (PRINCEP)	39055	< 0.30	4	1.00
525.2	Thiobencarb (BOLERO)	A-001	< 0.50	70	1.00
525.2	Alachlor (ALANEX)	77825	< 0.20	2	1.00
525.2	Di(2-ethylhexyl) Adipate	A-026	< 1.0	400	5.00
UNREGULATED ORGANIC CHEMICALS					
524.2	tert-Amyl Methyl Ether (TAME)	A-034	< 0.50		3.00
524.2	Bromobenzene	81555	< 0.50		.50
524.2	Bromochloromethane	A-012	< 0.50		.50
524.2	Bromomethane (Methyl Bromide)	34413	< 0.50		.50
524.2	tert-Butyl Alcohol (TBA)	77035	< 10		2.00
524.2	n-Butylbenzene	A-010	< 0.50		.50
524.2	sec-Butylbenzene	77350	< 0.50		.50
524.2	tert-Butylbenzene	77353	< 0.50		.50
524.2	Chloroethane	34311	< 0.50		.50
524.2	Chloromethane (Methyl Chloride)	34418	< 0.50		.50
524.2	2-Chlorotoluene	A-008	< 0.50		.50
524.2	4-Chlorotoluene	A-009	< 0.50		.50
524.2	Dibromomethane	77596	< 0.50		.50
524.2	1,3-Dichlorobenzene (m-DCB)	34566	< 0.50		.50
524.2	Dichlorodifluoromethane (Freon 12)	34668	< 0.50		0.50
524.2	1,3-Dichloropropane	77173	< 0.50		.50
524.2	2,2-Dichloropropane	77170	< 0.50		.50
524.2	1,1-Dichloropropene	77168	< 0.50		.50
524.2	Diisopropyl Ether (DIPE)	A-036	< 0.50		3.00
524.2	Ethyl tert-Butyl Ether (ETBE)	A-033	< 0.50		3.00
524.2	Hexachlorobutadiene	34391	< 0.50		.50
524.2	Isopropylbenzene (Cumene)	77223	< 0.50		.50
524.2	p-Isopropyltoluene	A-011	< 0.50		.50
524.2	Naphthalene	34696	< 0.50		.50
524.2	n-Propylbenzene	77224	< 0.50		.50
524.2	1,1,1,2-Tetrachloroethane	77562	< 0.50		.50
524.2	1,2,3-Trichlorobenzene	77613	< 0.50		.50
524.2	1,2,3-Trichloropropane	77443	< 1.0		.005
524.2	1,2,4-Trimethylbenzene	77222	< 0.50		.50
524.2	1,3,5-Trimethylbenzene	77226	< 0.50		.50
525.2	Bromacil (HYVAR)	82198	< 0.50		10.00
525.2	Diazinon	39570	< 0.20		

TEST ETHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
525.2	Metribuzin	81408	< 0.50		
525.2	Prometryn (CAPAROL)	39057	< 0.50		2.00
525.2	Metolachlor	39356	< 0.50		
525.2	Dimethoate (CYGON)	38458	< 2.0		

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

AGRICULTURAL CHEMICAL AND MISCELLANEOUS ORGANIC ANALYSIS (10/97)

Date of Report: 13/06/19

Sample ID No. 1310716-01

Laboratory

Signature Lab

N. : BC LABORATORIES

Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/21/1035

Received @ Lab: 13/05/23/1110

Completed: 13/06/19

System

System

Name: MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source: WELL 08

* User ID: 27C

Station Number: 2701683-001 *

* Date/Time of Sample: |13|05|21|1035|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|06|19| *

* Submitted by: _____

Phone #: _____

Page 1 of 1

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
525.2	Atrazine (AATREX)	39033	< 0.30	3	1.0
525.2	Atraton (GESATAMIN)	82185	< 0.50		
524.2	cis-1,3-Dichloropropene (D-D)	34704	< 0.50	0.5	
524.2	trans-1,3-Dichloropropene	34699	< 0.50	0.5	
- .2	Prometon (PROMITOL)	39056	< 0.50		
525.2	Secbumeton (SUMITOL, ETAZINE)	38542	< 0.50		
525.2	Terbutryne (IGRAN)	38887	< 0.50		

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/19

Sample ID No.1310716-01

Laboratory

Signature Lab

N :: BC LABORATORIES

Director: 

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/05/21/1035

Received @ Lab:13/05/23/1110

Completed:13/06/19

=====

System

System

Name:MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source:WELL 08

* User ID: 27C

Station Number: 2701683-001 *

* Date/Time of Sample: |13|05|21|1035|

Laboratory Code: 5806 *

* YY MM DD TTTT

YY MM DD *

* Submitted by: _____

Date Analysis completed: |13|06|19| *

Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
6	ug/L	Perchlorate (ug/L)	A-031	< 0.0040	4.0

+ Indicates Secondary Drinking Water Standards

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

BASE, NEUTRALS, AND ACIDS ORGANIC ANALYSIS (10/97)

Date of Report: 13/06/19

Laboratory

No.: BC LABORATORIES

Name of Sampler:

Date/Time Sample

Collected: 13/05/21/1035

Date/Time Sample

Received @ Lab: 13/05/23/1110

Sample ID No. 1310716-01

Signature Lab

Director:

Employed By:

Date Analyses
Completed: 13/06/19

System

Name: MOSS LANDING MWC

System

Number: 2701683

Name or Number of Sample Source: WELL 08

* User ID: 27C

Station Number: 2701683-001 *

* Date/Time of Sample: |13|05|21|1035|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|06|19| *

* Submitted by: _____

Phone #: _____

Page 1 of 1

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
525.2	Acenaphthylene	34200	< 0.10	5.00	
525.2	Anthracene	34220	< 0.10	5.00	
525.2	Benzo (a) Anthracene	34526	< 0.20	10.00	
525.2	Benzo (b) Fluoranthene	34230	< 0.30	10.00	
525.2	Benzo (k) Fluoranthene	34242	< 0.30	10.00	
525.2	Benzo (a) Pyrene	(*) 34247	< 0.10	.2 .10	
525.2	Benzo (ghi) Perylene	34521	< 0.30	10.00	
525.2	Benzyl Butyl Phthalate	34292	< 4.0	10.00	
525.2	delta-BHC	34259	< 0.20	.05	
525.2	Chrysene	34320	< 0.30	5.00	
525.2	Diethylhexylphthalate (DEHP)	(*) 39100	< 3.0	4 3.00	
525.2	Dibenzo (a,h) Anthracene	34556	< 0.30	5.00	
525.2	di-n-Butylphthalate	39110	< 1.0	5.00	
525.2	Dimethylphthalate	34341	< 1.0	5.00	
525.2	Fluorene	34381	< 0.20	5.00	
525.2	Hexachlorobenzene	(*) 39700	< 0.10	1 0.50	
525.2	Indeno (1,2,3-cd) Pyrene	34403	< 0.30	10.00	
525.2	Phenanthrene	34461	< 0.10	5.00	
525.2	Pyrene	34469	< 0.10	5.00	

ADDITIONAL EXTRACTABLE PARAMETERS

525.2	gamma-BHC (Lindane)	(*)	39340	< 0.10	2	.20
525.2	Hexachlorocyclopentadiene	(*)	34386	< 1.0	50	1.00

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 13/06/19

Laboratory

N :: BC LABORATORIES

Name of Sampler:

Date/Time Sample

Collected: 13/05/21/1030

Date/Time Sample

Received @ Lab: 13/05/23/1110

Sample ID No. 1310716-02

Signature Lab

Director:

Employed By:

Date Analyses

Completed: 13/06/19

System

Name: MOSS LANDING MWC

System

Number: 2701683

Name or Number of Sample Source: WELL 09

* User ID: 27C

Station Number: 2701683-002

* Date/Time of Sample: |13|05|21|1030|

Laboratory Code: 5806

YY MM DD TTTT

YY MM DD

*

* Submitted by: _____

Date Analysis completed: |13|06|19|

Phone #: _____

*

Page 1 of 3

REGULATED ORGANIC CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Total Trihalomethanes (TTHMs)	82080	< 2.0	80	
524.2	Bromodichloromethane	32101	< 0.50		1.0
524.2	Bromoform	32104	< 0.50		1.0
524.2	Chloroform (Trichloromethane)	32106	< 0.50		1.0
524.2	Dibromochloromethane	32105	< 0.50		1.0
524.2	Benzene	34030	< 0.50	1	.50
524.2	Carbon Tetrachloride	32102	< 0.50	.5	.50
524.2	1,2-Dichlorobenzene (o-DCB)	34536	< 0.50	600	.50
524.2	1,4-Dichlorobenzene (p-DCB)	34571	< 0.50	5	.50
524.2	1,1-Dichloroethane (1,1-DCA)	34496	< 0.50	5	.50
524.2	1,2-Dichloroethane (1,2-DCA)	34531	< 0.50	.5	.50
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	< 0.50	6	.50
524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	77093	< 0.50	6	.50
524.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	34546	< 0.50	10	.50
524.2	Dichloromethane (Methylene Chloride)	34423	< 0.50	5	.50
524.2	1,2-Dichloropropane	34541	< 0.50	5	.50
524.2	Total 1,3-Dichloropropene	34561	< 0.50	.5	.50
524.2	Ethyl Benzene	34371	< 0.50	300	.50
524.2	Methyl tert-Butyl Ether(MTBE)	46491	< 0.50	5	3.00
524.2	Monochlorobenzene (Chlorobenzene)	34301	< 0.50	70	.50
524.2	Styrene	77128	< 0.50	100	.50
524.2	1,1,2,2-Tetrachloroethane	34516	< 0.50	1	.50
524.2	Tetrachloroethylene (PCE)	34475	< 0.50	5	.50
524.2	Toluene	34010	< 0.50	150	.50
524.2	1,2,4-Trichlorobenzene	34551	< 0.50	5	.50
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	34506	< 0.50	200	.50
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	34511	< 0.50	5	.50
524.2	Trichloroethylene (TCE)	39180	< 0.50	5	.50
524.2	Trichlorofluoromethane (FREON 11)	34488	< 0.50	150	5.00

TEST THOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Trichlorotrifluoroethane (FREON 113)	81611	< 0.50	1200	10.00
524.2	Vinyl Chloride (VC)	39175	< 0.50	.5	.50
524.2	m,p-Xylene	A-014	< 0.50		.50
524.2	o-Xylene	77135	< 0.50		.50
524.2	Total Xylenes (m,p, & o)	81551	< 1.0	1750	
524.2	Dibromochloropropane (DBCP)	38761	< 1.0	.2	.01
525.2	Methoxychlor	39480	< 0.30	30	10.00
525.2	Molinate (ORDRAM)	82199	< 0.50	20	2.00
525.2	Simazine (PRINCEP)	39055	< 0.30	4	1.00
525.2	Thiobencarb (BOLERO)	A-001	< 0.50	70	1.00
525.2	Alachlor (ALANEX)	77825	< 0.20	2	1.00
525.2	Di(2-ethylhexyl) Adipate	A-026	< 1.0	400	5.00
<hr/> UNREGULATED ORGANIC CHEMICALS <hr/>					
524.2	tert-Amyl Methyl Ether (TAME)	A-034	< 0.50		3.00
524.2	Bromobenzene	81555	< 0.50		.50
524.2	Bromochloromethane	A-012	< 0.50		.50
524.2	Bromomethane (Methyl Bromide)	34413	< 0.50		.50
524.2	tert-Butyl Alcohol (TBA)	77035	< 10		2.00
524.2	n-Butylbenzene	A-010	< 0.50		.50
524.2	sec-Butylbenzene	77350	< 0.50		.50
524.2	tert-Butylbenzene	77353	< 0.50		.50
524.2	Chloroethane	34311	< 0.50		.50
524.2	Chloromethane (Methyl Chloride)	34418	< 0.50		.50
524.2	2-Chlorotoluene	A-008	< 0.50		.50
524.2	4-Chlorotoluene	A-009	< 0.50		.50
524.2	Dibromomethane	77596	< 0.50		.50
524.2	1,3-Dichlorobenzene (m-DCB)	34566	< 0.50		.50
524.2	Dichlorodifluoromethane (Freon 12)	34668	< 0.50		0.50
524.2	1,3-Dichloropropane	77173	< 0.50		.50
524.2	2,2-Dichloropropane	77170	< 0.50		.50
524.2	1,1-Dichloropropene	77168	< 0.50		.50
524.2	Diisopropyl Ether (DIPE)	A-036	< 0.50		3.00
524.2	Ethyl tert-Butyl Ether (ETBE)	A-033	< 0.50		3.00
524.2	Hexachlorobutadiene	34391	< 0.50		.50
524.2	Isopropylbenzene (Cumene)	77223	< 0.50		.50
524.2	p-Isopropyltoluene	A-011	< 0.50		.50
524.2	Naphthalene	34696	< 0.50		.50
524.2	n-Propylbenzene	77224	< 0.50		.50
524.2	1,1,1,2-Tetrachloroethane	77562	< 0.50		.50
524.2	1,2,3-Trichlorobenzene	77613	< 0.50		.50
524.2	1,2,3-Trichloropropane	77443	< 1.0		.005
524.2	1,2,4-Trimethylbenzene	77222	< 0.50		.50
524.2	1,3,5-Trimethylbenzene	77226	< 0.50		.50
525.2	Bromacil (HYVAR)	82198	< 0.50		10.00
525.2	Diazinon	39570	< 0.20		

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
525.2	Metribuzin	81408	< 0.50		
525.2	Prometryn (CAPAROL)	39057	< 0.50		2.00
525.2	Metolachlor	39356	< 0.50		
525.2	Dimethoate (CYGON)	38458	< 2.0		

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

AGRICULTURAL CHEMICAL AND MISCELLANEOUS ORGANIC ANALYSIS (10/97)

Date of Report: 13/06/19

Sample ID No. 1310716-02

Laboratory

Signature Lab

No.: BC LABORATORIES

Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/21/1030

Received @ Lab: 13/05/23/1110

Completed: 13/06/19

=====

System

System

Name: MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source: WELL 09

* User ID: 27C

Station Number: 2701683-002 *

* Date/Time of Sample: |13|05|21|1030|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

* Submitted by: _____

Date Analysis completed: |13|06|19| *

Phone #: _____

*

Page 1 of 1

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
525.2	Atrazine (AATREX)	39033	< 0.30	3	1.0
525.2	Atraton (GESATAMIN)	82185	< 0.50		
524.2	cis-1,3-Dichloropropene (D-D)	34704	< 0.50	0.5	
524.2	trans-1,3-Dichloropropene	34699	< 0.50	0.5	
525.2	Prometon (PROMITOL)	39056	< 0.50		
525.2	Secbumeton (SUMITOL, ETAZINE)	38542	< 0.50		
525.2	Terbutryn (IGRAN)	38887	< 0.50		

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/19

Sample ID No.1310716-02

Laboratory

Signature Lab

No.: BC LABORATORIES

Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/21/1030

Received @ Lab: 13/05/23/1110

Completed: 13/06/19

=====

System

System

Name: MOSS LANDING MWC

Number: 2701683

Name or Number of Sample Source: WELL 09

* User ID: 27C

Station Number: 2701683-002 *

* Date/Time of Sample: |13|05|21|1030|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

* Submitted by: _____

Date Analysis completed: |13|06|19| *

Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
6	ug/L	Perchlorate (ug/L)	A-031	< 0.0040	4.0

+ Indicates Secondary Drinking Water Standards

BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93307

BASE, NEUTRALS, AND ACIDS ORGANIC ANALYSIS (10/97)

Date of Report: 13/06/19

Laboratory

N: BC LABORATORIES

Name of Sampler:

Date/Time Sample

Collected: 13/05/21/1030

Date/Time Sample

Received @ Lab: 13/05/23/1110

Sample ID No. 1310716-02

Signature Lab

Director:

Employed By:

Date Analyses
Completed: 13/06/19

System

Name: MOSS LANDING MWC

System

Number: 2701683

Name or Number of Sample Source: WELL 09

* User ID: 27C

Station Number: 2701683-002 *

* Date/Time of Sample: |13|05|21|1030|

Laboratory Code: 5806 *

YY MM DD TTTT

YY MM DD *

*

* Submitted by: _____

Date Analysis completed: |13|06|19| *

Phone #: _____

*

Page 1 of 1

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
525.2	Acenaphthylene	34200	< 0.10	5.00	
525.2	Anthracene	34220	< 0.10	5.00	
525.2	Benzo (a) Anthracene	34526	< 0.20	10.00	
525.2	Benzo (b) Fluoranthene	34230	< 0.30	10.00	
525.2	Benzo (k) Fluoranthene	34242	< 0.30	10.00	
525.2	Benzo (a) Pyrene	(*) 34247	< 0.10	.2 .10	
525.2	Benzo (ghi) Perylene	34521	< 0.30	10.00	
525.2	Benzyl Butyl Phthalate	34292	< 4.0	10.00	
525.2	delta-BHC	34259	< 0.20	.05	
525.2	Chrysene	34320	< 0.30	5.00	
525.2	Diethylhexylphthalate (DEHP)	(*) 39100	0.69	4 3.00	
525.2	Dibenzo (a,h) Anthracene	34556	< 0.30	5.00	
525.2	di-n-Butylphthalate	39110	< 1.0	5.00	
525.2	Dimethylphthalate	34341	< 1.0	5.00	
525.2	Fluorene	34381	< 0.20	5.00	
525.2	Hexachlorobenzene	(*) 39700	< 0.10	1 0.50	
525.2	Indeno (1,2,3-cd) Pyrene	34403	< 0.30	10.00	
525.2	Phenanthrene	34461	< 0.10	5.00	
525.2	Pyrene	34469	< 0.10	5.00	

ADDITIONAL EXTRACTABLE PARAMETERS

525.2	gamma-BHC (Lindane)	(*)	39340	< 0.10	2	.20
525.2	Hexachlorocyclopentadiene	(*)	34386	< 1.0	50	1.00

Submission #: 1310716

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals Ice Chest Containers None Comments: _____
 Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No
 COC Received YES NO Emissivity: 0.95 Container: Amber Thermometer ID: 207 Date/Time: 5/23/13
 Temperature: (A) 3.3 °C / (C) 3.2 °C Analyst Init: MAM 110

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED 8oz (40)	B	B								
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40 ml VOA VIAL TRAVEL BLANK			A(1)							
40ml VOA VIAL	A 13	A 13	1 0	0	0	0	0	0	0	0
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525	10287	C	C							
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
F US IRON										
ENCLOSURE										
SMART KIT										

Comments:

Sample Numbering Completed By: SAS

A = Actual / C = Corrected

Date/Time: 5/23/13 1725

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY BECOMES

PROJECT NAME: Drinking Water Sampling

130716

Page _____ of _____

Samples going to: BC Laboratories 4100 Atlas Ct Bakersfield CA 93308 (661) 327-4911

Record contract laboratory's name, address, and phone # before transporting or shipping



Moss Landing Mutual Water Company

2013
Hypo-Chlorination Summary

MOSS LANDING MUTUAL WATER COMPANY

Number	Month/Year	2013 TRC SUMMARY				QUARTERLY	
		# of Samples	Average	Minimum	Maximum	# of Samples	Average
1	Jan-13	22	0.94	0.20	2.25	60	1.04
2	Feb-13	18	0.48	0.15	1.06	58	0.84
3	Mar-13	20	0.64	0.20	1.42	60	0.69
4	Apr-13	22	0.59	0.18	1.25	60	0.57
5	May-13	22	0.82	0.15	1.53	64	0.68
6	Jun-13	20	0.77	0.20	1.77	64	0.73
7	Jul-13	22	1.07	0.22	2.01	64	0.89
8	Aug-13	22	0.81	0.10	2.56	64	0.88
9	Sep-13	19	0.63	0.10	1.80	63	0.83
10	Oct-13	23	0.76	0.15	2.40	64	0.73
11	Nov-13	19	1.10	0.24	2.09	61	0.83
12	Dec-13	20	0.72	0.24	1.72	62	0.86
Average for Year		21	0.78	0.18	1.82	62	0.80

Annual Minimum = 0.10

2.56 = Annual Maximum

